



**RADIALL**

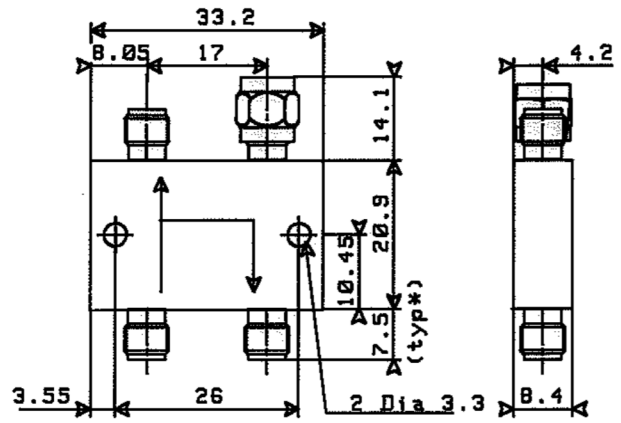
**R432535000**

**TECHNICAL DATA SHEET**

**TITLE 30 dB 2-4 GHz OCTAVE BAND COUPLER**

**LTR. A**

DRAWING:



3 SMA/f connectors General tolerance: ± 0.5 mm

ELECTRICAL CHARACTERISTICS:

- FREQUENCY RANGE : 2 - 4 GHz
- IMPEDANCE : 50 Ohms
- COUPLING (1) : 30 dB ± 1.1 dB
- FREQUENCY SENSITIVITY : ± 0.80 dB
- V.S.W.R. : 1.15 max.
- INSERTION LOSS : 0.40 dB max.
- DIRECTIVITY : 20 dB mini.
- AVERAGE POWER : 80 W CW at 25°C
- PEAK POWER : 3 kW ( 1 μs, 1% ) at 25°C

MECHANICAL CHARACTERISTICS:

- CONNECTORS : SMA female per MIL C 39012
- COAXIAL TERMINATION : 50 Ω 1 W
- MAXIMUM WEIGHT : 60 g

ENVIRONMENTAL CHARACTERISTICS:

- OPERATING TEMPERATURE RANGE : - 25°C + 70°C
- STORAGE TEMPERATURE RANGE : - 25°C + 70°C
- (1) Frequency sensitivity is included in coupling.

3294 - 9011 Tentative data subject to change without notice.

<b>PEN</b>	<b>QUALITY Dpt App.</b>				
<b>CAT</b>	MO	30 OCT. /1991			
	B				
<b>PAGE</b>	<b>DATE</b>	<b>NAME</b>	<b>LTR</b>	<b>REVISIONS</b>	<b>DATE APP.</b>
1/1	16/10/91	K.LUCIEN			